



Certificate of Compliance

Certificate: 1042965

Master Contract: 150861

Project: 2339374

Date Issued: December 15, 2010

Issued to: Detcon Incorporated

3200 Research Forest Dr Bldg A-1
The Woodlands, TX 77381
USA

Attention: Bob Masi

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Glenn Black

Issued by: Glenn Black

PRODUCTS

CLASS 4828 01 - SIGNAL APPLIANCES - - Combustible Gas Detection Instruments-For Hazardous Locations

CLASS 4828 81 - SIGNAL APPLIANCES-Combustible Gas Detection Instruments - For Hazardous Location-Certified to U.S. Standards

Class I, Groups B, C and D:

- Combustible gas stand alone transmitter, Model No FP-624 with integral sensor housing Model 6128-1, input rated 22 to 28V dc, 140mA at 24V dc, output 4-20mA, relay contacts rated 250V ac or 30V dc, 5A resistive. May be used with sensor rain shield P/N 6130.

Combustible gas stand alone transmitter, Model No FP-624-RT, input rated 22 to 28V dc, 140mA at 24V dc, output 4-20mA, relay contacts rated 250V ac or 30V dc, 5A resistive; with remote sensor housing Model FP-624-RS containing sensor housing Model 6128-1, input rated 2.2V dc, 400mA. May be used with sensor rain shield P/N 6130.

- Combustible gas stand alone transmitter, Model No FP-624C with integral sensor housing Model 6128-2, input rated 22 to 28V dc, 128mA at 24V dc, output 4-20mA, relay contacts rated 250V ac or 30V dc, 5A resistive. May be used with sensor rain shield P/N 6130, or splashguard P/N-613-12001-000 or P/N-613-12000-000.

- Combustible gas stand alone transmitter, Model No FP-624C-RT, input rated 22 to 28V dc, 128mA at 24V dc, output 4-20mA, relay contacts rated 250V ac or 30V dc, 5A resistive; with remote sensor housing Model



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FP-624C-RS containing sensor housing Model 6128-2, input rated 2.7V dc, 250mA. May be used with sensor rain shield P/N 6130, or splashguard P/N-613-12001-000 or P/N P/N-613-12000-000.

- Combustible gas stand alone transmitter, Model No FP-524C with integral sensor housing Model 6128-2, input rated 12 to 28V dc, 79mA at 24V dc, output 4-20mA. May be used with sensor rain shield P/N 6130, or splashguard P/N-613-12001-000 or P/N P/N-613-12000-000. .

- Combustible gas stand alone transmitter, Model No FP-524C-RT, input rated 12 to 28V dc, 79mA at 24V dc, output 4-20mA, with remote sensor housing Model FP-524C-RS containing sensor housing Model 6128-2, input rated 2.7V dc, 250mA. May be used with sensor rain shield P/N 6130, or splashguard P/N-613-12001-000 or P/N-613-12000-000.

- Combustible gas stand alone transmitter, Model No FP-624D with integral sensor housing Model 612-82000-000, input rated 22 to 28V dc, 135mA at 24V dc, output 4-20mA, relay contacts rated 250V ac or 30V dc, 5A resistive. May be used with sensor rain shield P/N 6130, or splashguard P/N 613-120000-700 rev 3.

- Combustible gas stand alone transmitter, Model No FP-624D-RT, input rated 22 to 28V dc, 135mA at 24V dc, output 4-20mA, relay contacts rated 250V ac or 30V dc, 5A resistive; with remote sensor housing Model FP-624D-RS containing sensor housing Model 612-820000-000, input rated 2.7V dc, 250mA. May be used with sensor rain shield P/N 6130, or splashguard P/N 613-120000-700 rev 3.

- Combustible gas stand alone transmitter, Model No FP-524D with integral sensor housing Model 612-820000-000, input rated 12 to 28V dc, 87mA at 24V dc, output 4-20mA. May be used with sensor rain shield P/N 6130, or splashguard P/N 613-120000-700 rev 3.

- Combustible gas stand alone transmitter, Model No FP-524D-RT, input rated 12 to 28V dc, 87mA at 24V dc, output 4-20mA, with remote sensor housing Model FP-524D-RS containing sensor housing Model 612-820000-000, input rated 2.7V dc, 250mA. May be used with sensor rain shield P/N 6130, or splashguard P/N 613-120000-700 rev 3.

APPLICABLE REQUIREMENTS

CAN/CSA Standard C22.2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II

CSA Std C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CSA Std C22.2 No.142-M1987 - Process Control Equipment

CSA Std C22.2 No. 152-M1984 - Combustible Gas Detection Instruments

UL Std No. 916, 4th Edition - Energy Management Equipment

UL Std No. 1203, 4th Edition - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

UL Std No. 1604, 3rd Edition - Electrical Equipment for Use in Class I and II, Division 2; Class III Hazardous (Classified) Locations

ANSI/ISA-12.13.01-2003 - Performance Requirements for Combustible Gas Detectors



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
2339374	December 15, 2010	Update of report 1042965 to add new models FP524D, FP524D-RS, FP524D-RT, FP624D, FP624D-RS, and FP624D-RT.
2216079	December 11, 2009	Update to report 1042965 to add alternate Certified electronics enclosures for the FP-624C and FP-524C series models.
1429613	June 4, 2003	Update to Report to Cover Applicable ISA Performance Tests

History

1338209 Sept 6/02 Update to Report to cover conversion to T-Style conduit; improved terminal PCB5 for Models FP-624C, -RT, -RS and FP-524C, -RT, -RS.

1042965 March 3/00 Update to cover new Combustible Gas Standalone Transmitters Models FP624C, -RT, -RS and FP-524C, -RT, -RS; for use in Class I, Groups B, C and D hazardous locations. Originally issued as 2500006348

-17 Aug. 24/99 Combustible gas stand alone transmitters, Model No FP-624, -RT, -RS, for use in Class I, Groups B, C and D hazardous locations.